

**FIG. 1**

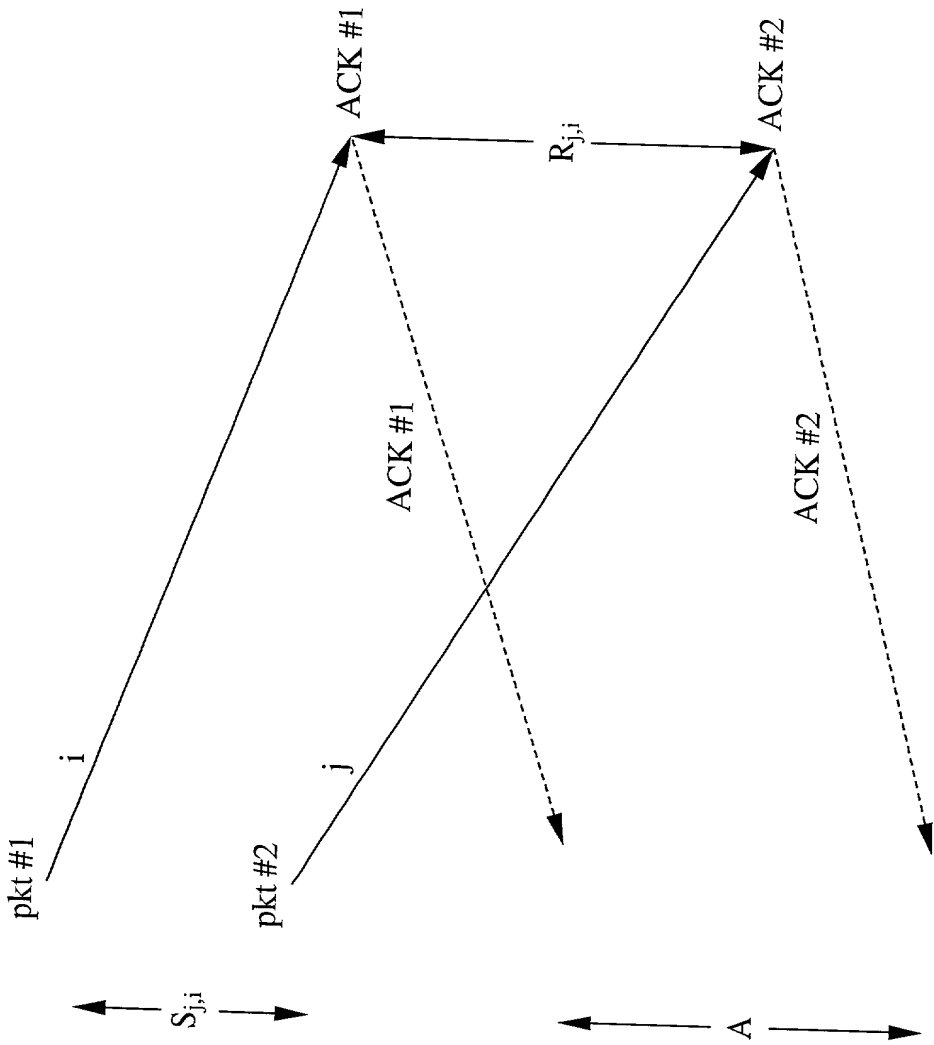
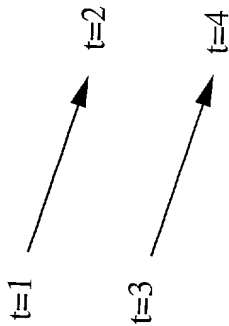
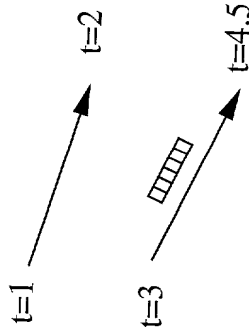


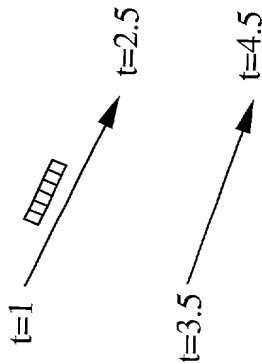
FIG. 2



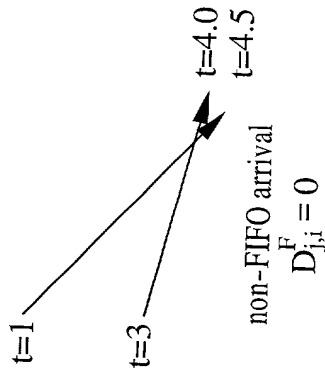
$D_{j,i}^F = 0$   
**FIG. 3A**



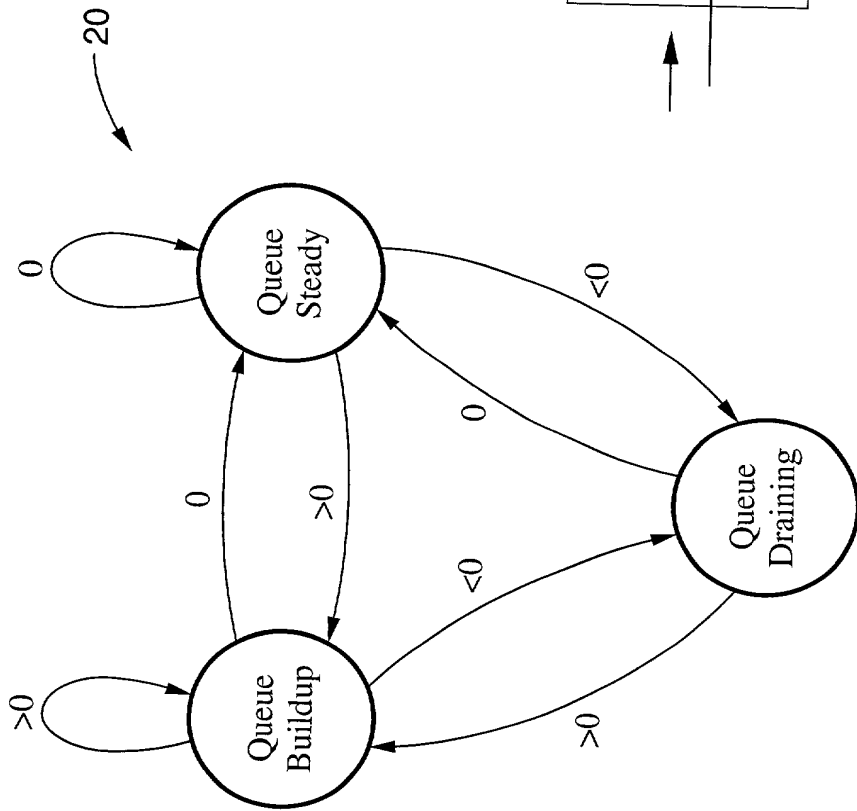
$D_{j,i}^F = 0.5 > 0$   
**FIG. 3C**



$D_{j,i}^F = -0.5 < 0$   
**FIG. 3B**



non-FIFO arrival  
 $D_{j,i}^F = 0$   
**FIG. 3D**



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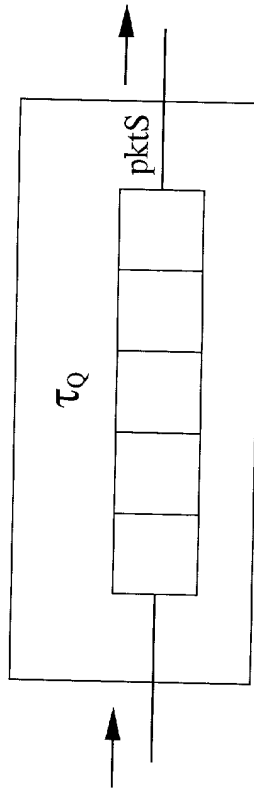


FIG. 5

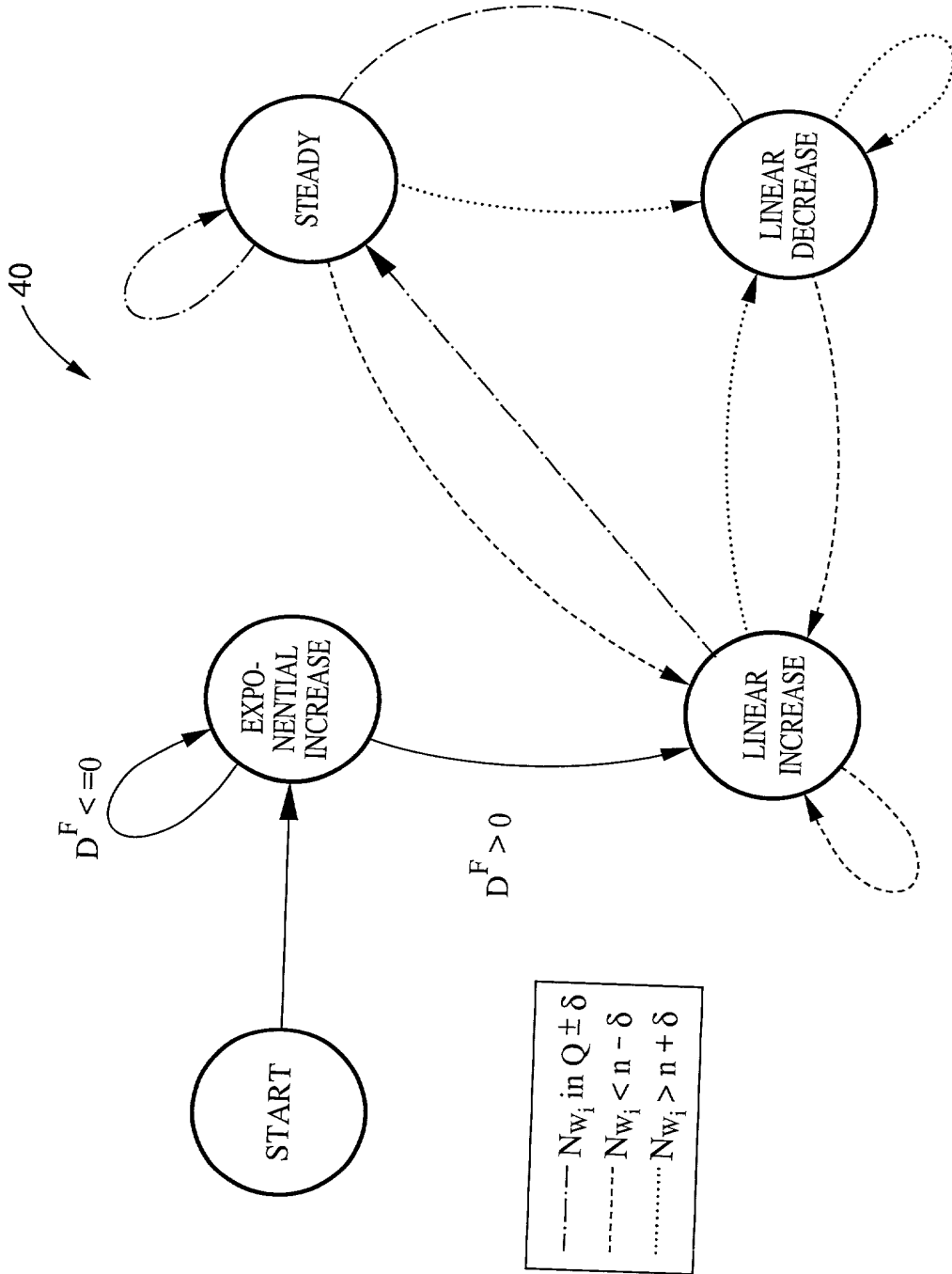
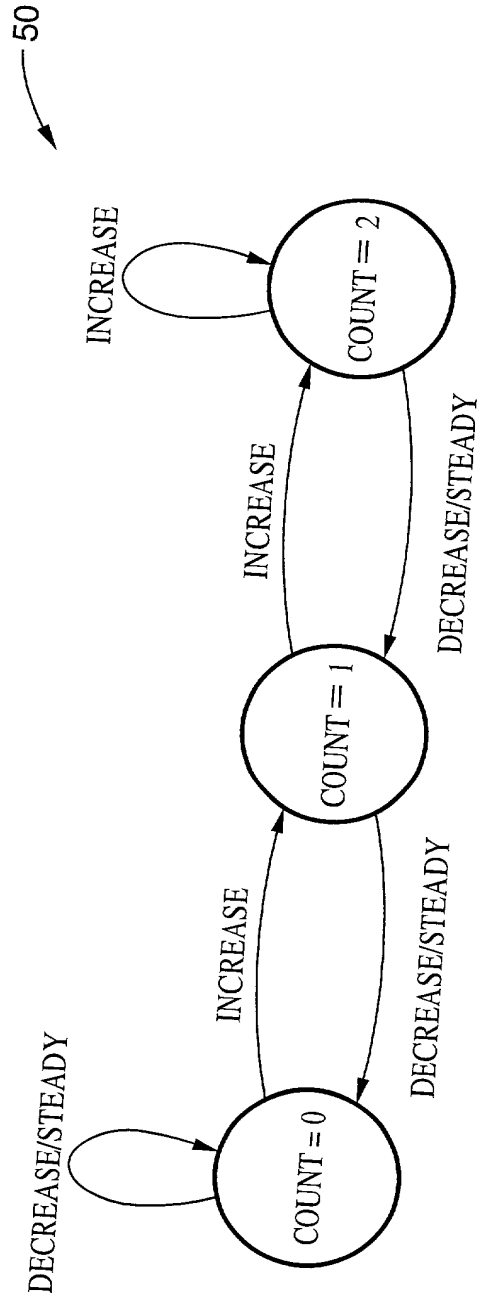


FIG. 6

**FIG. 7**

